# TYPICAL SURFACE WATER DEFLECTOR DETAILS ITEM 204(03)

4¾" 2%" 7¼" 16d GALVANIZED NAILS AT 12" SPACING WITH MIDDLE ROW STAGGERED

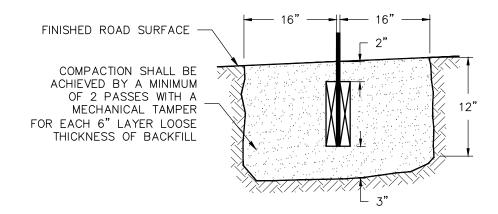
2"X8" HEMLOCK OR FIR PLANK,

STAGGERED A MINIMUM OF 2'.

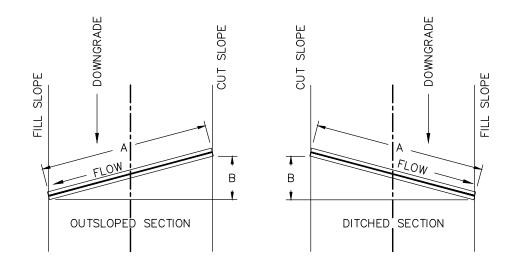
ALL SPLICES SHALL BE

TREATED, #2 GRADE OR BETTER.

12" GOODYEAR PLYLON PLUS 375 WITH A MINIMUM THICKNESS OF 1/6". OTHER COMMERCIAL BRANDS MAY BE USED BUT THE BELT THICKNESS SHALL BE EQUAL TO OR GREATER THAN  $\%_6$ " AND SHALL HAVE A MINIMUM BREAKING STRENGTH OF 4200 psi. THE PILES SHALL BE MADE OF NYLON FOR BELT STIFFNESS. MATERIAL SHALL BE ONE CONTINUOUS LENGTH.



### INSTALLATION DETAIL



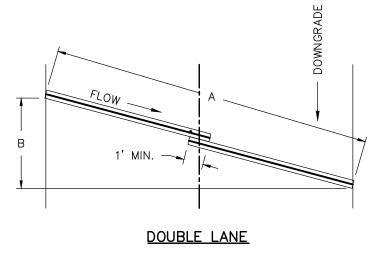
## SINGLE LANE

# VALUES FOR SKEWED INSTALLATION (FFFT)

INSTALLATION (TELT)		
ROAD WIDTH	Α	В
12	14	7.2
13	16	9.3
14	16	7.7
15	18	9.9
16	18	8.2
17	20	10.5
18	20	8.7

### **NOTES**

- 1. ALL TREATED LUMBER SHALL BE INCISED AND PRESSURE TREATED IN ACCORDANCE WITH THE AWPA UC4-A FOR GROUND CONTACT.
- 2. FIELD TREATMENT: ALL ABRASIONS AND CUTS MADE IN THE FIELD SHALL BE CAREFULLY TRIMMED AND GIVEN THREE BRUSH COATS OF THE TREATMENT SOLUTION. HOLES DRILLED IN THE FIELD SHALL BE POURED FULL OF PRESERVATIVE AND PLUGGED WITH TIGHT FITTING TREATED PLUGS.
- 3. ALL HARDWARE SHALL CONFORM TO FP-03 716.02 AND SHALL BE GALVANIZED. LUMBER SHALL CONFORM TO FP-03 716.03.
- 4. OUTLET OF DEFLECTOR SHALL BE A MINIMUM OF 0.5' LOWER THAN THE INLET.
- 5. CERTIFICATIONS: ONE COPY OF THE FOLLOWING COMPLIANCE CERTIFICATE SHALL BE FURNISHED UPON DELIVERY OF THE MATERIALS:
  - A. SUPPLIER CERTIFICATION THAT ALL WOOD MATERIALS MEET THE REQUIREMENTS AS TO SPECIES AND GRADE.
  - B. CERTIFICATION OF TREATMENT OF LUMBER TO INCLUDE TYPE OF PRESERVATIVE, RETENTION IN PCF (ASSAY METHOD) AND PENETRATION IN INCHES, BY A QUALIFIED INSPECTION AND TESTING AGENCY.
  - C. SUPPLIER CERTIFICATION THAT ALL RUBBER BELTING MATERIALS MEET THE REQUIREMENTS AS NOTED IN DETAIL.



DRAWINGS NOT TO SCALE

REVISION

FOREST SERVICE

**FOREST** 

BROADAXE TIMBER SAL

SHOSHONE NATIONAL

STORMWATER
DEFLECTOR
DETAILS

SHEET NO. 8 OF 9